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BLEACHES AND GERM KILLERS

-for Clean Clothes



WHY USE BLEACHES?

Bleaches help keep white clothes white and help remove many stains. Measure bleaches carefully. Too much bleach will damage your clothes.

CHLORINE BLEACHES

Most chlorine bleaches are liquid. They are the cheapest. They kill germs, too. Some fabrics and finishes might be damaged or discolored by chlorine bleaches. *Read the label* on clothes and on the bottle or box. Iron deposits in water sometimes make yellow stains on clothes. Chlorine bleach makes some yellow stains worse and may make holes in the fabric.

CAUTION:

Chlorine bleach should not be used on silk, wool, spandex stretch fabrics, blends of these fibers, or fabrics with certain dyes and finishes. (Check the labels and hang-tags of clothes when you buy them.)

Some Brands of Chlorine Bleach

Liquid	Clorox Hilex Purex	Powder	Action Hilex Stardust
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Use On:

- Dish towels
- Sheets
- Pillow cases
- White socks
- T-shirts and undershirts
- Bath towels
- Fast color prints
- Tablecloths



How To Use Chlorine Bleaches

- For most top-loading washing machines, do not use more than 1 cup of liquid chlorine bleach. If your machine is extra large, you can use 1 $\frac{1}{4}$ cups of bleach. For front-loading machines, do not use more than $\frac{1}{2}$ cup. If you wash clothes by hand, do not use more than 1 tablespoon of bleach in a gallon of water.
- Mix the bleach with lots of water before mixing it with the soapy wash water. Otherwise it may make holes in the fabrics.
- Rinse the clothes well to get the bleach out. It may weaken the clothes if it stays in them.



OXYGEN BLEACHES (PEROXY)

Most oxygen bleaches are powders. You can use them on any clothes that need bleaching. Look for the words, "Safe for all fabrics," on the package.

Some Brands of Oxygen Bleach

Beads o' Bleach
Du-rite

Snowy
Dexol

Use Oxygen Bleaches On:

All fabrics and finishes.
Colored clothes.

How To Use

Add oxygen bleaches to the wash water.
Most of these work best in hot water.
Follow directions on the package.
Rinse the clothes well.



KILLING GERMS ON CLOTHES

Boiling clothes or hanging them in the sunshine were once the common ways to kill germs. These ways were used especially when there was sickness in the family. But with modern fabrics and finishes and with modern washing methods, you may need other ways to kill germs.

Liquid chlorine bleaches that contain 5.25 percent sodium hypochlorite will kill germs.

You can use *quaternary, pine oil, or phenolic disinfectants* safely on any fabrics you are washing. Pine oil disinfectants must contain at least 80 percent pine oil to kill germs.

Follow the directions on the bottle. To kill germs, each must be used in a special way.

What To Use To Kill Germs

Quaternary disinfectants (Quats)

CO-OP Sanitizer; available in certain supermarkets.

Roccal; available from janitors', dairy, and poultry supply houses.

Liquid chlorine bleaches

Clorox

Hilex

King (liquid) Bleach

Purex

Available in grocery stores.

Pine oil disinfectants

Fyne Pyne

Fyne Tex

King Pine

White Cap

Available in grocery stores.

Phenolic disinfectants

Al Pine

Pine-Sol

Available in grocery stores.

These trade names are used only to help you know what to look for. Many other companies also make and sell germ killers and bleaches. The U.S. Department of Agriculture does not recommend one kind more than another.